



**ThermoWorks**

# Therma K-Plus

## TRIM Calibration Instructions

You should never really need to use the TRIM feature. However, you can fine-tune the calibration if necessary. No adjustment should be made if the meter is reading within specification.

The TRIM function allows adjustment of the reading at a single temperature. The readings will then be “offset” by the adjusted amount across the whole range of the thermometer. For best accuracy across a wider range, we recommend making the adjustment in an ice bath (32.0°F). Go to [www.thermoworks.com/learning/thermapen101\\_creating\\_an\\_icebath.html](http://www.thermoworks.com/learning/thermapen101_creating_an_icebath.html) for instructions on getting this just right.

To perform the offset adjust, record the current reading against a known temperature source (for example an ice bath or boiling point) and note the reading error.

For example if the unit is reading 32.5°F in a proper ice bath, you will note a +0.5° error.

- Then, while the unit is powered off, press and hold the Hold/°C/°F button and the On/Off button simultaneously.
- The unit will power on, continue to hold both buttons approximately 6 seconds until the display indicates “Offset”.
- Release the buttons once “Offset” is indicated. The display will show the current trim setting, typically set to default at 0.0.
- Using the Hold/°C/°F, change the offset from 0.0 to the desired offset value by the error noted earlier in your Ice bath.
- In our example above, we would change the offset to -0.5° in order to adjust the reading down by the error amount.

Note that the offset value will first move up (0.1, 0.2, 0.3, 0.4, etc.), then once the value reaches its maximum allowable offset – the value will scroll to the lowest offset value available and increase again. (maximum adjustable error is  $\pm 3.6^{\circ}\text{F}$ )

So, the offset value will move from +3.6 to -3.6 and scroll up again as you press Hold/°C/°F until you reach 0.0 again.

Once you have reached your desired offset value, press the On/Off button to accept and save the offset. Verify the reading of the Therma K-Plus again in your ice bath.

You can view a brief video of the steps [here](#) if interested.

**Technical Support** - For warranty service, and technical assistance, please contact ThermoWorks' Technical Support at **(801) 756-7705** or email at [techsupport@thermoworks.com](mailto:techsupport@thermoworks.com).